

G Krishnamurthy Grandhi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

521
citations

687363

13
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of Surface and Bulk Electronic Structure of II–VI Semiconductor Nanocrystals Using Cu as a Nanosensor. ACS Nano, 2012, 6, 9751-9763.	14.6	94
2	Tunable Infrared Phosphors Using Cu Doping in Semiconductor Nanocrystals: Surface Electronic Structure Evaluation. Journal of Physical Chemistry Letters, 2013, 4, 409-415.	4.6	56
3	Mechanochemistry as a Green Route: Synthesis, Thermal Stability, and Postsynthetic Reversible Phase Transformation of Highly-Luminescent Cesium Copper Halides. Journal of Physical Chemistry Letters, 2020, 11, 7723-7729.	4.6	55
4	Understanding the Role of Surface Capping Ligands in Passivating the Quantum Dots Using Copper Dopants as Internal Sensor. Journal of Physical Chemistry C, 2016, 120, 19785-19795.	3.1	49
5	Metal Halide Perovskite@Metal–Organic Framework Hybrids: Synthesis, Design, Properties, and Applications. Small, 2020, 16, e2004891.	10.0	46
6	Multimodal Digital X-ray Scanners with Synchronous Mapping of Tactile Pressure Distributions using Perovskites. Advanced Materials, 2021, 33, e2008539.	21.0	36
7	Lead-Free Cesium Titanium Bromide Double Perovskite Nanocrystals. Nanomaterials, 2021, 11, 1458.	4.1	33
8	Moisture-Assisted near-UV Emission Enhancement of Lead-Free Cs ₄ CuIn ₂ Cl ₁₂ Double Perovskite Nanocrystals. Nano Letters, 2022, 22, 311-318.	9.1	28
9	Robust, Brighter Red Emission from CsPbI ₃ Perovskite Nanocrystals via Endotaxial Protection. Journal of Physical Chemistry Letters, 2020, 11, 3699-3704.	4.6	25
10	Cu Doping in Ligand Free CdS Nanocrystals: Conductivity and Electronic Structure Study. Journal of Physical Chemistry Letters, 2014, 5, 2382-2389.	4.6	21
11	Strategies for improving luminescence efficiencies of blue-emitting metal halide perovskites. Journal of the Korean Ceramic Society, 2021, 58, 28-41.	2.3	18
12	Copper Doping in II–VI Semiconductor Nanocrystals: Single-Particle Fluorescence Study. Journal of Physical Chemistry Letters, 2020, 11, 5367-5372.	4.6	17
13	Halide Perovskite Nanocrystal Emitters. Advanced Photonics Research, 2021, 2, 2000118.	3.6	17
14	Highly stable hetero-structured green-emitting cesium lead bromide nanocrystals <i>via</i> ligand-mediated phase control. Nanoscale, 2019, 11, 21137-21146.	5.6	12
15	Demystifying Complex Quantum Dot Heterostructures Using Photogenerated Charge Carriers. Journal of Physical Chemistry Letters, 2017, 8, 2043-2048.	4.6	11
16	Cation co-doping into ZnS quantum dots: towards visible light sensing applications. Bulletin of Materials Science, 2020, 43, 1.	1.7	2
17	MHP@MOF Hybrids: Metal Halide Perovskite@Metal–Organic Framework Hybrids: Synthesis, Design, Properties, and Applications (Small 47/2020). Small, 2020, 16, 2070258.	10.0	1
18	Low temperature dynamics of surface and bulk electronic structure of quantum dots. Materials Research Express, 2017, 4, 094001.	1.6	0

#	ARTICLE	IF	CITATIONS
19	Luminescent all-inorganic manganese halide perovskite nanocrystals. , 0, , .		0